

**Position :** One post-doctoral position with a fellowship from the São Paulo Research Foundation (FAPESP) is available to work in Piracicaba, Brazil at SPARCBIO, the Center for Excellence in Biological Control, hosted by the University of São Paulo's Luiz de Queiroz College of Agriculture. SPARCBIO is the result of a partnership between FAPESP and private company Koppert.

**Description of Duties:** The project that will support this position will focus on: i) search for new entomopathogens; ii) evaluation of their potential for pest control, especially to stink bugs and caterpillars of the *Spodoptera* complex; iii) To develop liquid-fermentation and drying methods for entomopathogenic fungus; iv) Develop new formulations of microorganisms (fungi, bacteria, and secondary metabolites). If necessary, the post-doctoral researcher will participate in field and laboratory experiments and help in the divulgation of the developed technologies to farmers and researchers.

**Desirable Skills and Qualifications:** i) Ph.D. in entomology, microbiology, or related fields; ii) experience with isolation of entomopathogenic microorganisms, conducting bioassays in laboratory and field; iii) skills with production of entomopathogenic fungi by solid and liquid fermentation; iv) experience in drying methods of microorganisms (not required, but highly desirable); v) knowledge in data analysis. Desirable skills will be considered based on the Curriculum Vitae and articles published by the candidate within the required qualifications.

**How to apply:** Applications can be made exclusively by e-mail to Prof. Dr. Italo Delalibera Junior (delalibera@usp.br) until February 25, 2022, to the e-mail: **(i)** Motivation Letter; **(ii)** Two reference letters; and **(iii)** Curriculum Lattes (Brazilian candidates) or Curriculum Vitae (non-Brazilian candidates) with published articles that can show your abilities to lead the project.

This opportunity is open to candidates of any nationality. Only documents written in Portuguese or English will be accepted. Selection will be based on the candidate's curriculum vitae, motivation letter, and letters of recommendation.

**Information about the fellowship:** The selected candidate will receive a FAPESP's Post-Doctoral fellowship of R\$ 7,373.10 monthly (exempt from income tax) for up to three years, the annual renewal is performance dependent and a research contingency fund, equivalent to 15% of the annual value of the fellowship which should be spent in items directly related to the research activities. More information about the FAPESP Postdoctoral Fellowship is available at [www.fapesp.br/bolsas/pd](http://www.fapesp.br/bolsas/pd).

**Results of the recruitment process:** The result of the recruitment process will be disclosed to all candidates by e-mail.

**Project title:** Center for Excellence in Biological Control – SPARCBIO (FAPESP / Koppert / USP) FAPESP process: 2018/02317-5

**Working area:** Microbial control of agricultural pests

**Number of places:** 1

**Principal investigator:** Italo Delalibera Júnior

**Unit/Institution:** ESALQ/University of São Paulo

**Deadline for submissions:** February 25 - 2022

**Place:** Avenida Pádua Dias, 11 – Laboratory of Pathology and Microbial Control of Arthropods, University of São Paulo, ESALQ, Piracicaba

**E-mail for proposal submission:** delalibera@usp.br

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